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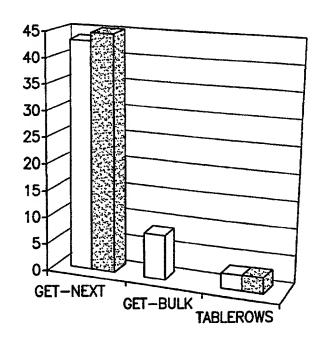
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(54) Title: NETWORK MANAGEMENT INFORMATION PROCESSING

(57) Abstract

A method for supplying data from a table in a device responsive to network management protocol commands includes receiving a Protocol Data Unit (PDU) designated as a table block access request (TBAR), identifying the PDU as a TBAR, obtaining an Object Identifier (OI) of a table to be read from the PDU, obtaining an index to a row to be read from the table from the PDU, determining the number of rows to be read based on information obtained from the PDU, looking up information in the table based on the OI and the index, composing a response PDU containing information read from the table for multiple rows based on the number of rows to be read, and outputting a response packet (RP). Optionally, OIs are only included in the RP if requested, and abbreviated OIs are included in the RP. Network devices implementing the method are also provided.